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Patent Application  
Docket No. USF-T193XC1  
Serial No. 10/544,146

on May 2, 2006  
Glenn P. Ladwig  
Glenn P. Ladwig, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Shyam S. Mohapatra, Weidong Zhang  
Serial No. : 10/544,146  
Filed : August 2, 2005  
For : Vectors for Regulating Gene Expression

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

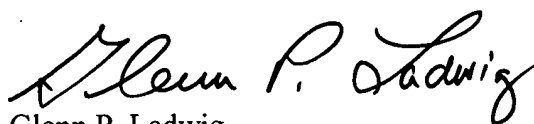
Sir:

The above-identified patent application was filed with an unsigned Declaration (37 C.F.R. §1.63) and Power of Attorney form. Transmitted herewith is a fully executed Declaration (37 C.F.R. §1.63) and Power of Attorney form for the subject application. A Notification of Missing Requirements under 35 U.S.C. §371 in the United States Designated/Elected Office (DO/EO/US) was received from the Patent and Trademark Office, and a copy of that Notice is attached hereto.

The Notification of Missing Requirements indicates that the subject application does not comply with the sequence requirements of 37 C.F.R. §1.821(e). Attached with this Notice is a Submission of Sequence Listing and Statement under 37 C.F.R. §§1.821-1.825 providing the sequence listing in computer readable format.

The Notification of Missing Requirements indicates that the applicants are entitled to a \$400.00 credit. The applicants respectfully submit that claims 34, 42, 48, and 49 are independent claims. However, the applicants will defer to the Office of Initial Patent Examination on this issue. Accordingly, please deduct the surcharge of \$65.00 from this \$400.00 credit. Please refund the remaining \$335.00 to Deposit Account No. 19-0065.

Respectfully submitted,



Glenn P. Ladwig

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GPL/mv

Attachments: Executed Declaration (37 C.F.R. §1.63) and Power of Attorney form  
Submission of Sequence Listing and Statement under 37 C.F.R. §§1.821-1.825  
Sequence Listing in computer readable format  
Copy of Notification of Missing Requirements



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
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 Alexandria, Virginia 22313-1450  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/544,146	Shyam S Mohapatra	USF-T193XC1

INTERNATIONAL APPLICATION NO.
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PCT/US04/05566

I.A. FILING DATE	PRIORITY DATE
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02/23/2004

02/21/2003

23557

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APR - 8 2006

GDL

CONFIRMATION NO. 9945

371 FORMALITIES LETTER



\*OC000000018443939\*

Date Mailed: 04/04/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 08/02/2005
- Copy of the International Search Report filed on 08/02/2005
- Preliminary Amendments filed on 08/02/2005
- Biochemical Sequence Listing filed on 08/02/2005
- Small Entity Statement filed on 08/02/2005
- Request for Immediate Examination filed on 08/02/2005
- U.S. Basic National Fees filed on 08/02/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$-335 for a Small Entity:

- **\$65 Surcharge.**

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

(A previous payment of \$400 will be applied to the additional fees indicated above.)

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/544,146	PCT/US04/05566	USF-T193XC1